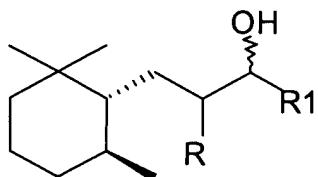


Abstract

A method is described for the preparation of a trimethylcyclohexyl-alkan-3-ol containing a proportion of trans isomer of Formula D



D

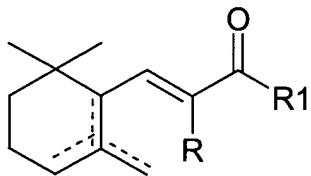
where

R = H, Me, Et, n-propyl, iso-propyl, n-butyl, iso-butyl or tert-butyl and

R1 = Me, Et, n-propyl, iso-propyl, n-butyl, iso-butyl or tert-butyl,

or of a mixture of several such trimethylcyclohexyl-alkan-3-ols,

wherein the method comprises catalytically hydrogenating corresponding compound(s) of Formula B



B

in which R and R1 in each case have the indicated meanings,

in the presence of a nickel catalyst, preferably of Raney nickel, and in an absence of catalytically active amounts of copper chromite.